

IN THE CLAIMS

Please rewrite the pending claims as follows:

1-55. (Canceled)

56. (Currently amended) A method for treating an artery or vein in a human subject in need of such treatment, wherein said artery or vein is obstructed or susceptible to obstruction, the method comprising:

locally administering to the wall of the artery or vein in the human subject an agent a composition comprising a collagenase or an elastase,

wherein administration of the agent composition results in proteolysis of elastin in the wall of the artery or vein leading to enlargement of the diameter of the lumen of the artery or vein.

57. (Currently amended) The method of claim 56, wherein the agent composition comprises an elastase.

58. (Currently amended) The method of claim 56 57, wherein the agent composition further comprises a collagenase.

59. (Currently amended) The method of claim 57, 58 or 61 56, wherein the agent composition is administered by a catheter comprises a collagenase.

60. (Currently amended) The method of claim 57, 58 or 61 59, wherein the method further comprises inserting a portion of a delivery apparatus into the wall of the artery or vein.

61. (Currently amended) The method of claim 56 57, 58 or 59, wherein the agent comprises a collagenase and an elastase composition is administered by a catheter.

62. (Currently amended) The method of claim 57, 58 or 61 59, wherein the artery or vein is obstructed.

63. (Currently amended) The method of claim 62, wherein the obstruction of the artery or vein is a stenosis.

64. (Currently amended) The method of claim 62 57, 58 or 59, wherein the artery or vein is connected to an arteriovenous hemodialysis graft.

65. (Currently amended) The method of claim 57, 58 or 61 59, wherein the subject is suffering from coronary obstruction.

66. (Currently amended) The method of claim 57, 58 or 61 59, wherein the artery or vein is ~~obstructed by, or~~ susceptible to obstruction by intimal hyperplasia.

67. (Currently amended) The method of claim 57, 58 or 61 59, wherein the agent composition is administered to an isolated segment of the artery or vein, said isolated segment of artery or vein being located within the human subject.

68. (Currently amended) The method of claim 57, 58 or 61 59, wherein the agent composition is administered directly into a selected segment of the wall of the artery or vein.

69. (New)                                   The method of claim 64, wherein a vein is treated.